Tryton
Introduction to
Open Build Service

Axel Braun

(with material from OpenBuildService)



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Member of openSUSE project Package maintainer for (among others) Tryton and GNU Health (Live-CD)

Supported education project: Favela Education (.org)

Supported medical project: GNU Health



Open Build Service
The easy way to packages



























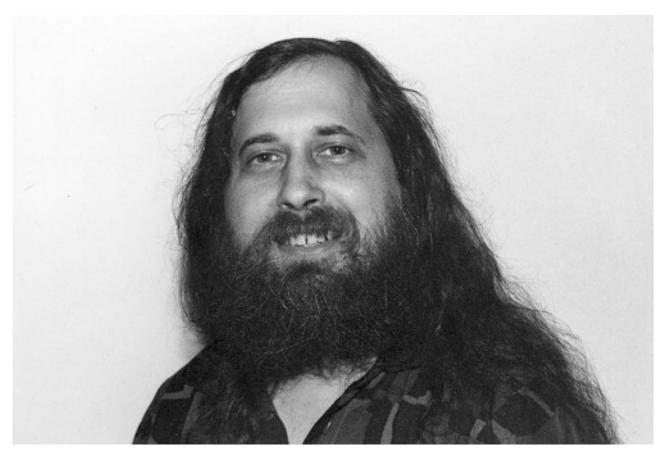












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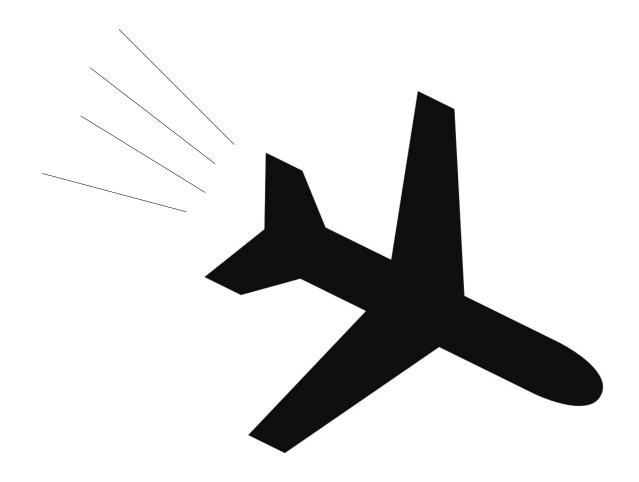
;; whatever.tar.gz ??

docb@T520:~> ./configure

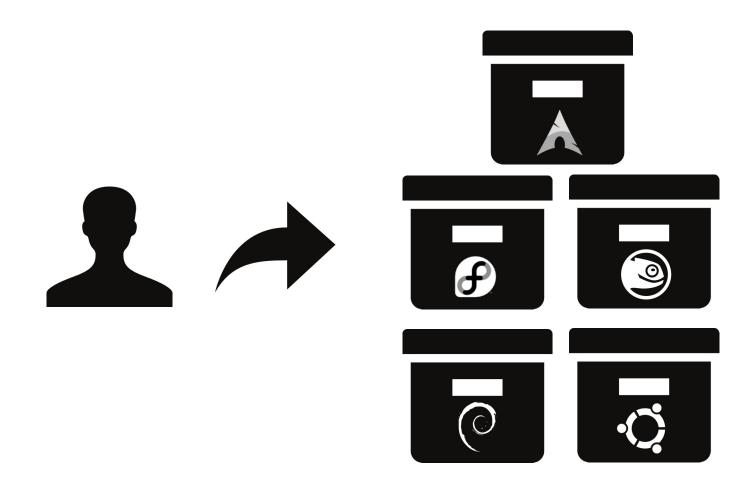
docb@T520:~> make

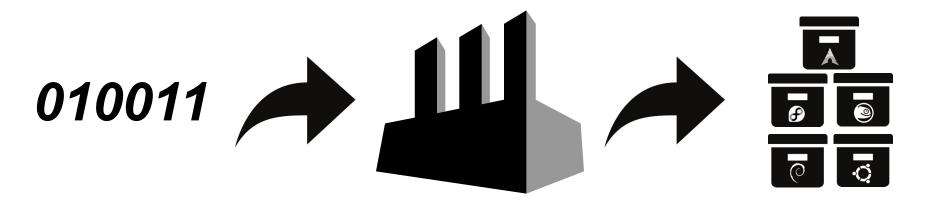
docb@T520:~> make install

docb@T520:~> pip install









Open Build Service Meat and Potatoes

Formats





Distributions

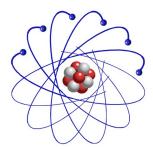












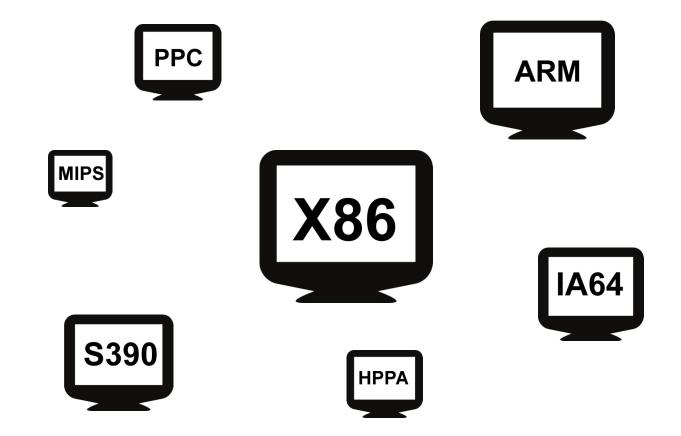








Architectures





Output





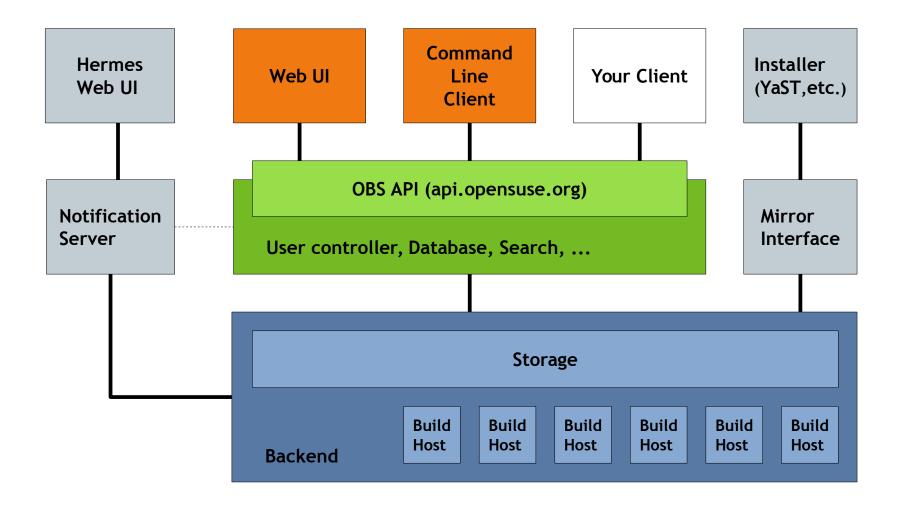




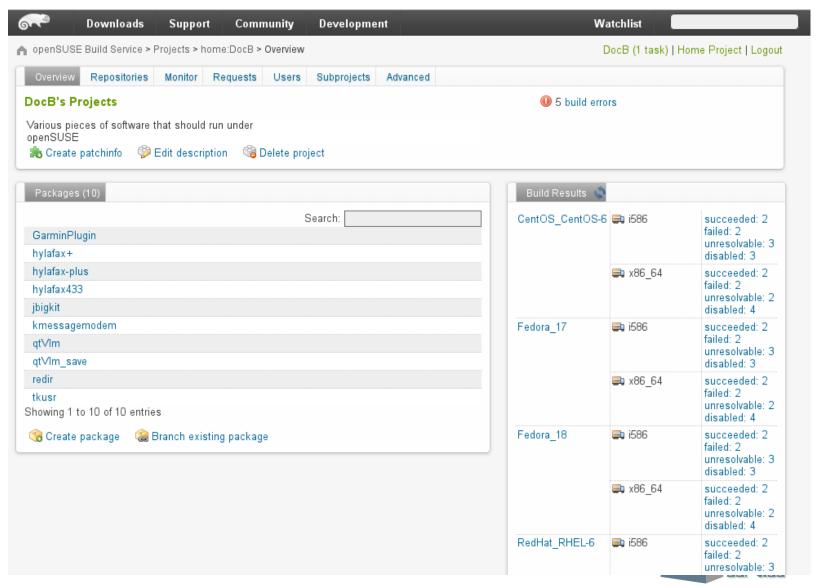


Open Build Service Jumpstart

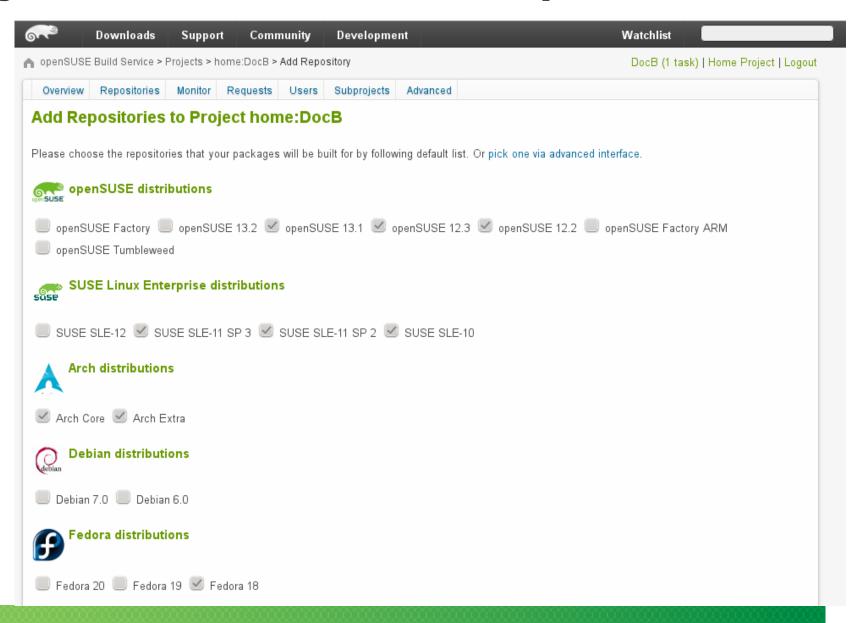
Overview



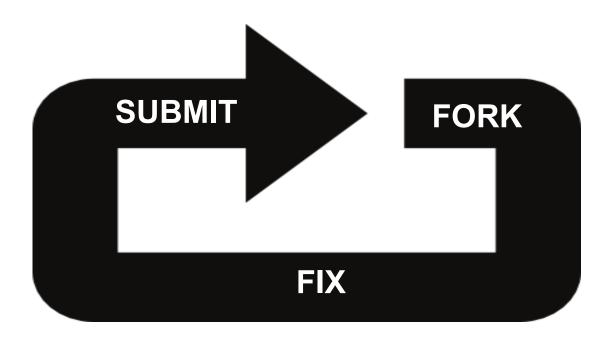
Project Model



Project Model – Build for repositories

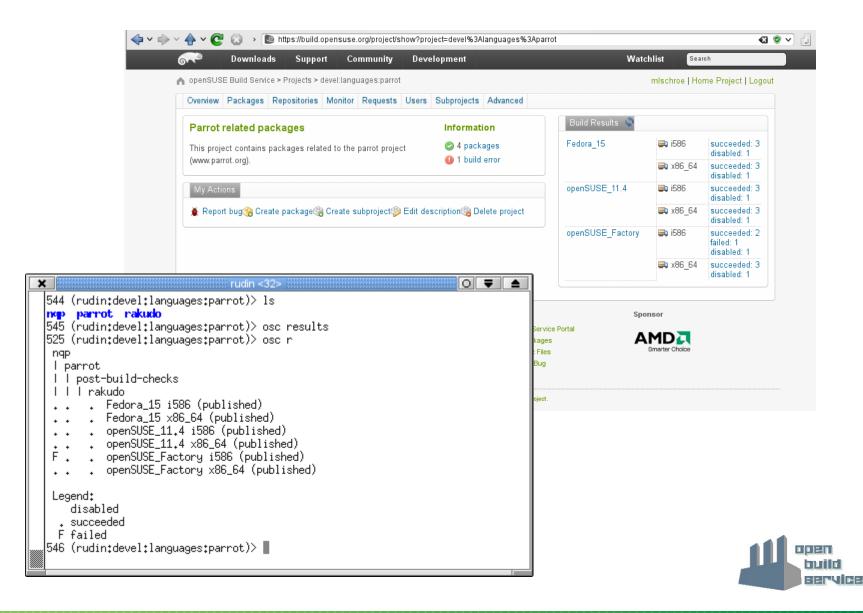


Collaboration

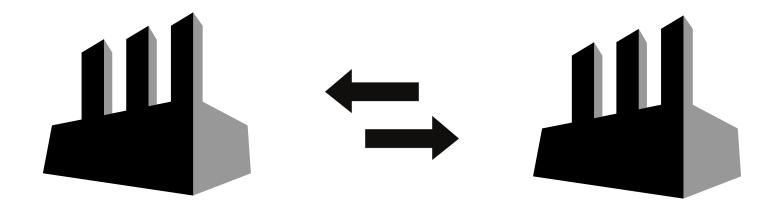




API

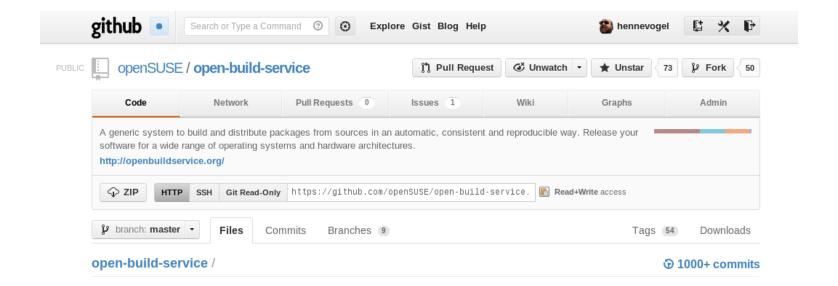


Interconnect





Open Source





Open Build Service Lets start

Creating Packages

- Create a package
- ✓ in your own home project
- ✓ on the reference server



Building Packages

- √ locally on your laptop
- → and on the reference server

Collaborating on Packages

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- √ Branch a package
- Submit a merge request
- Review a merge request

Open Build Service Some statistics

Reference Server



Users







Users

Distribution development, Maintenance Updates











Open Source Communities





Add-Ons: Driver Developer and ISVs





- Researchers/Universities
- Administration Teams



Numbers (from build.opensuse.org)

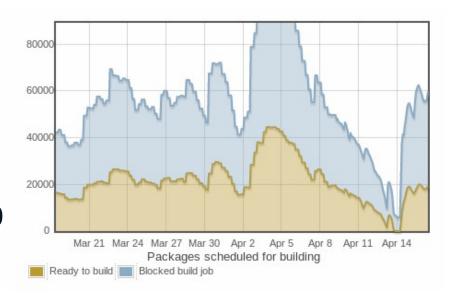
Confirmed Users: >42.500

Packages: >315.000

Projects: >40.000

Package builds per day: > 150.000

Build farm: ~40 hosts,
 ~450 workers
 (HW upgrade already planned)



Storage:

Sources: 11 TBytes

Binaries: 19 TBytes



Support

- Community
 - opensuse-buildservice@opensuse.org
 - Irc: #opensuse-buildservice on freenode
- Professional

http://www.open-build-service.org/contact/

B1 Systems (L3 backing by SUSE)







Kudos: The development team



Henne Vogelsang



Adrian Schröter

Stephan Kulow





Michael Schröder



Learn more about the Open Build Service www.openbuildservice.org

Thank you.

